

FIG. 5

1002243-124302

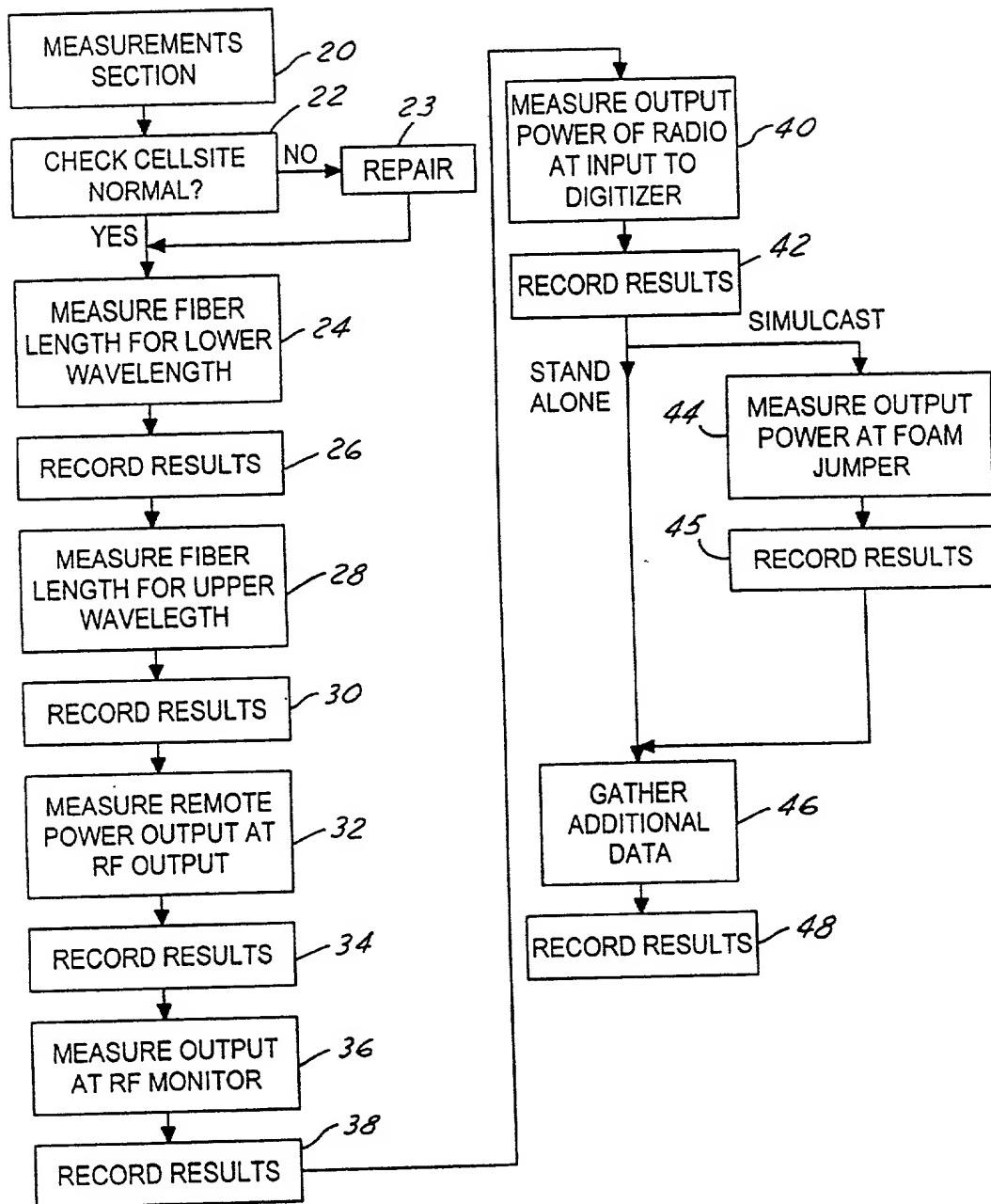


FIG. 2

Microcell Data Sheet
Standalone and Standalone Simulcast Configuration

Call Site: _____
 Face: _____
 Date: _____

		Remote 1	Remote 2	Remote 3	Remote 4	Remote 5
Measurements Section						
24	Fiber Distance 1310 nm (kft):					
28	Fiber Distance 1550 nm (kft):					
32	Attenuator Value Used For Pout Mess. @ Remote (dB):					
36	Pout @ Remote Antenna (dBm):					
40	Pout @ Remote RF Monitor (dBm):					
44	Pin @ Digitizer For 1 Analog Radio (dBm):					
48	Total # Radios On Face (Incl. CDPD & Setup):					
Radios In CDMA Bandwidth						
52	LPA Attenuation:					
56	TX RIM Setting:					
60	RX RIM Setting:					
64	Digitizer Rev. #:					
68	PN Offset					

	Calculations Section				
82	Transmit Propagation Delay Calculation				
84	Transmit Propagation Delay Translation Value				
88	Receive Propagation Delay Calculation				
90	Receive Propagation Delay Translation Value				
94	Maximum Differential Delay Calculation				
95	Maximum Differential Delay Value	0.0			
98	Sector Size Calculation				
102	Cell Search Window Size Calculation				
106	Analog Composite Power To Digitizer				
108	Total Gain Check Calculation				
112	Actual Gain Check Calculation				
116	CDMA Pin @ Digitizer Pilot Only				
120	Total Power @ Digitizer (CDMA & Analog)				

	Translations Section		
84	Transmit Antenna Propagation Delay (microseconds)		
90	Receive Antenna Propagation Delay (microseconds)		
102	Search Window Size: Call (microseconds)		
98	Sector Size (miles)		
	Maximum Differential Transmit Delay (microseconds)	0.0	
	Initial Power Offset for Access	-5	
	Access Probe Power Increment(dB)	4	
	BCR Attenuation (dB)	6	
	Access Channel Preamble Length (frames)	2	
	Time Randomization for Access Channel Probes	6	
	Eb/No Setpoint - Minimum (dB) Rate Set 2	5.0	
	Eb/No Setpoint - Maximum (dB) Rate Set 2	9.8	
	Max Pwr	25.0	

Cell Site Tx Delay	22.8
Cell Site Rx Delay	14.0

	Rev 1	Rev 2
Microcell Tx Delay	1	8
Microcell Rx Delay	3	17

FIG. 3

Microcell Data Sheet
Simulcast Configuration

Call Site: _____
 Face: _____
 Date: _____

		Remote 1	Remote 2	Remote 3	Remote 4	Remote 5
24	Measurements Section					
28	Fiber Distance 1310 nm (kft):					
32	Fiber Distance 1550 nm (kft):					
36	Attenuator Value Used For Pout Mess. @ Remote (dB):					
40	Pout @ Remote Antenna (dBm):					
44	Pout @ Remote RF Monitor (dBm):					
46	Total # Radios On Face (Incl. CDPD & Setup):					
	Radios In CDMA Bandwidth					
	LPA Attenuation:					
	TX RIM Setting:					
	RX RIM Setting:					
	Digitizer Rev. #:					
	BCR Setting:					
	PN Offset					

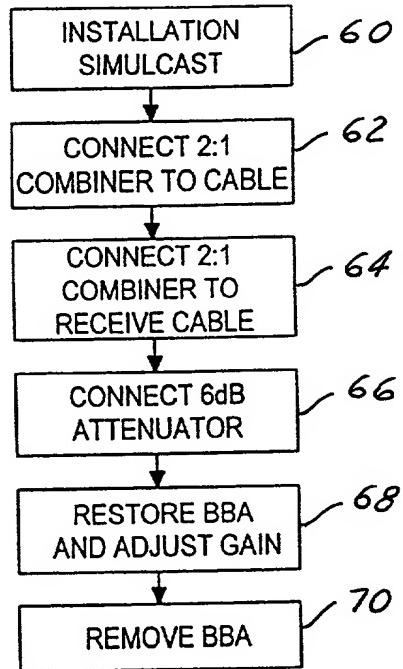
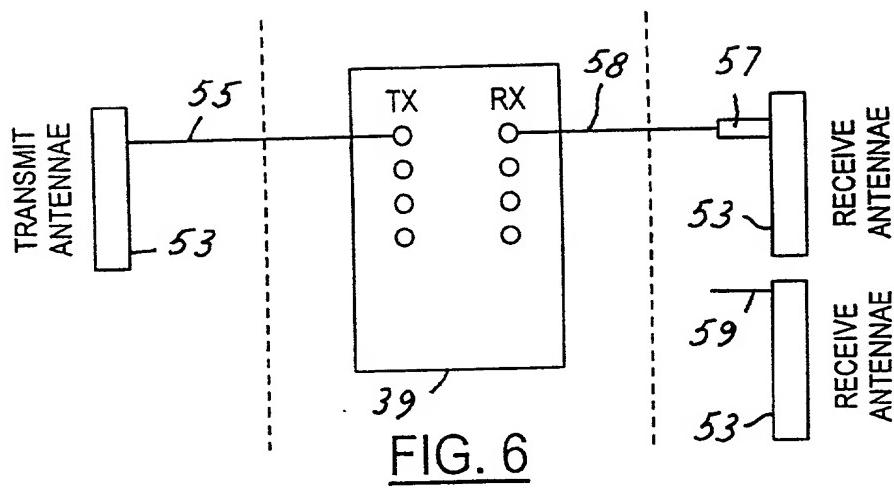
	Calculations Section				
82	Transmit Propagation Delay Calculation				
86	Transmit Propagation Delay Translation Value	22.8			
88	Receive Propagation Delay Calculation				
92	Receive Propagation Delay Translation Value	14.0			
94	Maximum Differential Delay Calculation				
95	Maximum Differential Delay Value	0.0			
98	Sector Size Calculation				
102	Cell Search Window Size Calculation				
106	Analog Composite Power To Digitizer				
108	Total Gain Check Calculation				
112	Actual Gain Check Calculation				
116	CDMA Ideal Power Level Calculation				
120	Total Power @ Digitizer (CDMA & Analog)				

	Translations Section	
	Transmit Antenna Propagation Delay (microseconds)	22.8
	Receive Antenna Propagation Delay (microseconds)	14.0
102	Search Window Size: Call (microseconds)	
98	Sector Size (miles)	
	Maximum Differential Transmit Delay (microseconds)	0.0
	Initial Power Offset for Access	-5
	Access Probe Power Increment(dB)	4
	Access Channel Preamble Length (frames)	2
	Time Randomization for Access Channel Probes	6
	Eb/No Setpoint - Minimum (dB) Rate Set 2	5.0
	Eb/No Setpoint - Maximum (dB) Rate Set 2	9.8
	Max Pwr	

Cell Site Tx Delay	22.8
Cell Site Rx Delay	14.0

	Rev 1	Rev 2
Microcell Tx Delay	1	8
Microcell Rx Delay	3	17

FIG. 4



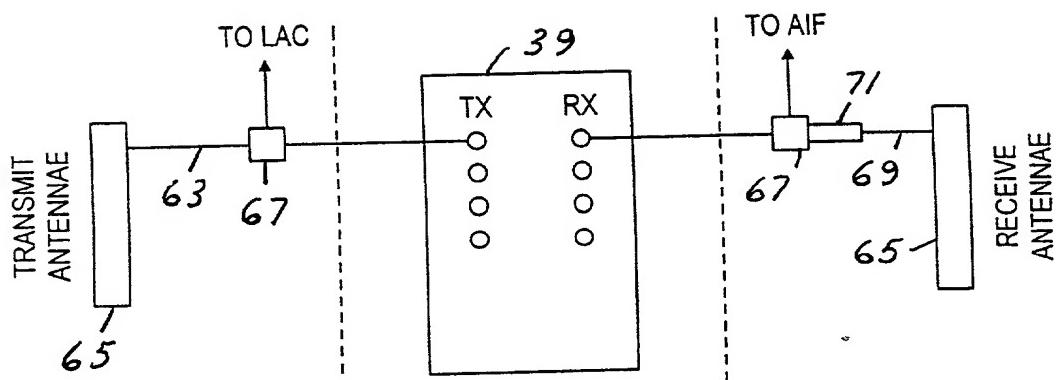


FIG. 8

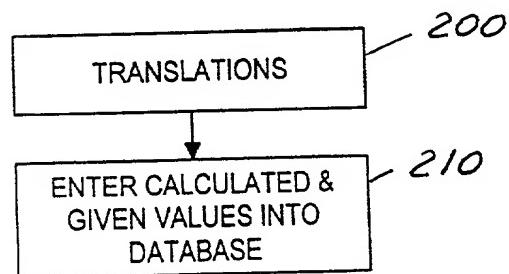


FIG. 10

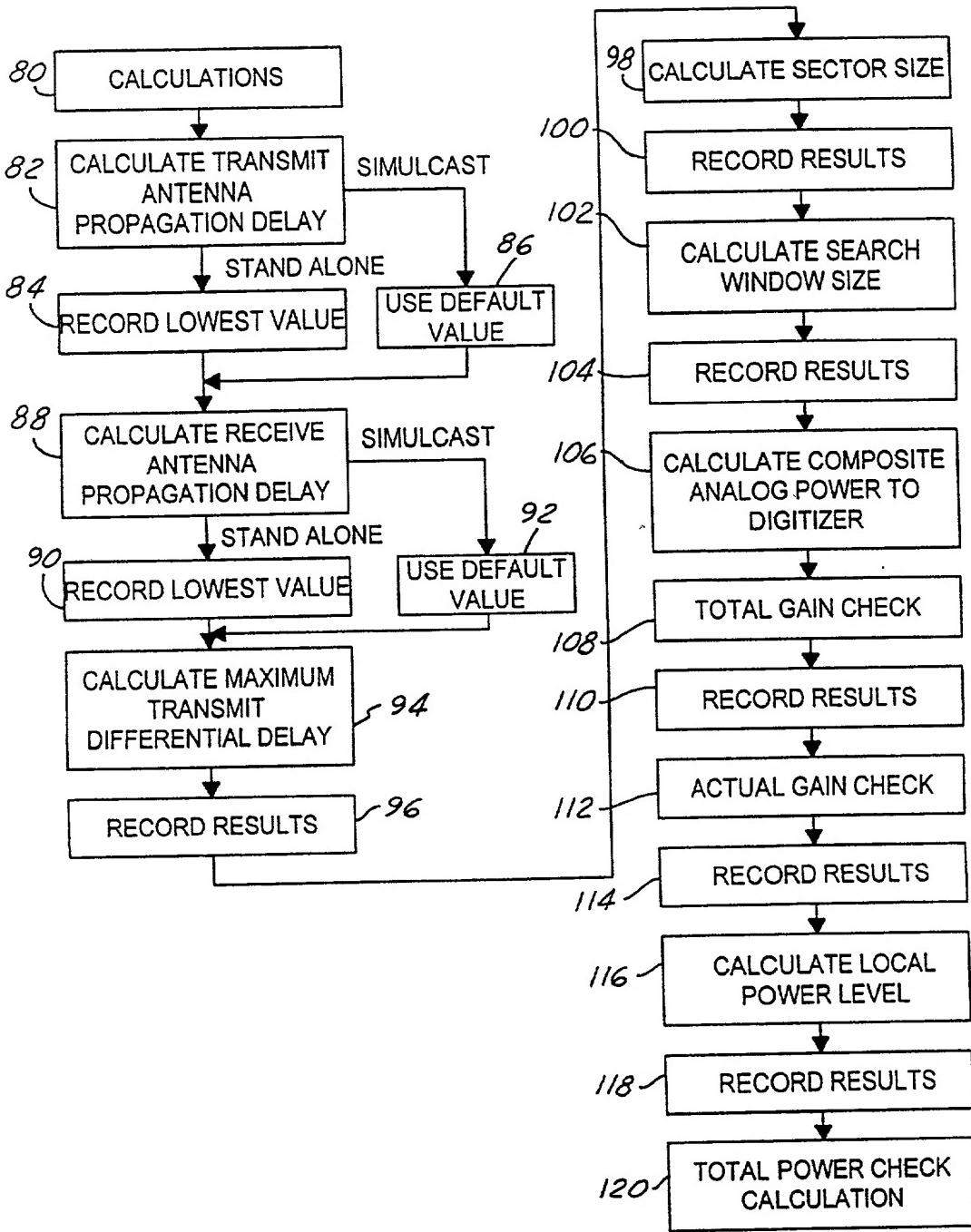


FIG. 9

100022442 - 121304

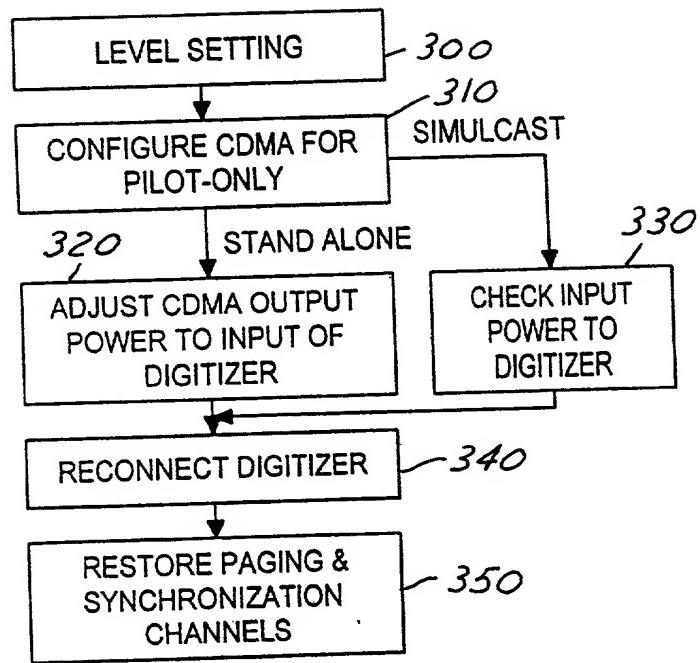


FIG. 11

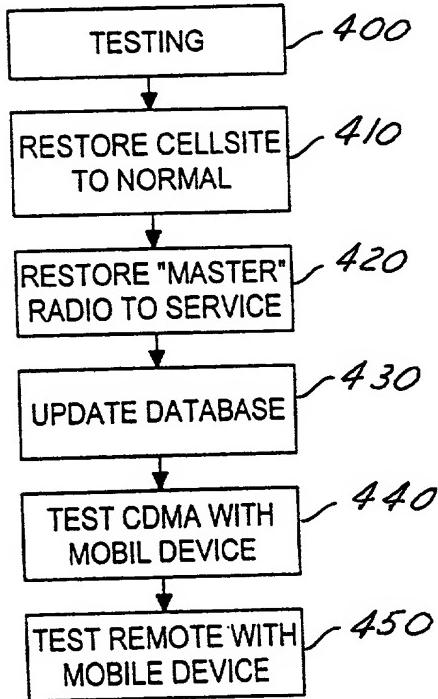


FIG. 12